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(54) APPARATUS FOR MANUFACTURING HYPOCHLORITE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an apparatus for manufacturing hypochlorites, which prevents hydrogen from dwelling when stopping operation.

SOLUTION: The apparatus for manufacturing hypochlorites by electrolysis of saline water comprises a gas-liquid separation equipment connected to a riser tube having an opening at a liquid level of electrolyte in a diaphragm-free electrolysis cell, on the upper part of the electrolysis cell, a small hole in the riser tube at a position corresponding to an upper space of the electrolysis cell, and when the electrolysis cell stops working, discharging hydrogen which has stayed in the upper space of the electrolysis cell, from the small hole to the gas-liquid separation equipment, while the elec-

trolytic solution in the gas- liquid separation equipment flows backward through the riser tube.

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